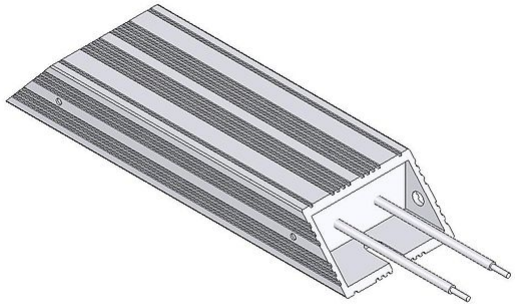
MICROELETTRICA

DATA SHEET

GW 40x20-S | 100 - 200 W
Aluminium Resistor



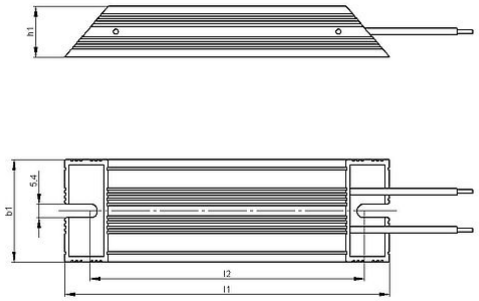
Article-No.		ds3000 3003		
Type		GW 160	GW 240	GW 300
Pulse Power (W) T_a ~ 40 °C *referred to a cycle duration of 120s Approximate value (depending on resistance)	ED 6 %*	900	1350	1800
	ED 15 %*	500	750	1000
	ED 25 %*	300	450	600
	ED 40 %*	200	300	400
Nominal continuous power (W) T_a ~ 40 °C		100	150	200
Resistance Values at 20°C (Ohm)		3 - 560	6.2 - 1200	9.1 - 1600
Tolerance of resistance at 20°C		±10 %		
Degree of protection (EN 60529) (in the accordingly screwed on state)		IP 65		
Max. permissible operating voltage		EN 1000 V DC		
Cooling		natural convection		
Housing temperature at nominal continuous power T_a ~ 40 °C		ca. 250 °C		
Electrical terminal		2x AWG 14 / l=25 cm		
Operation temperature range		-25 ... +40 °C		
Testing voltage		2.7 kV AC 1 s		
Mounting positions				

Subject to technical modifications

HEINE Resistors GmbH · Otto-Mohr-Straße 5 · 01237 Dresden · Germany · Tel: +49 (0) 351 3192-0 · E-Mail: info@heine-resistors.com
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IBAN: DE64 8508 0000 04022658 00 · BIC: DRESDEFF850
Geschäftsführer: Patrick Rudolph
Ein Unternehmen der Knorr-Bremse AG

MICROELETTRICA

DATA SHEET



Article-No.		ds3000 3003		
Type		GW 160	GW 240	GW 300
Length [mm]	l1	160	240	300
	l2	145	225	285
Width [mm]	b1	40	40	40
Height [mm]	h1	20	20	20
Weight approx. [kg]		0.26	0.43	0.55
Isolation resistance		>10 M Ohm		
Last update		2016-01-11		

Mounting instruction:
The distance between the two fixing points increase at 0,85 mm / 100 mm while heating (mounting with fixed and movable bearing).
The resistor should be protected by appropriate safety measures against overloading.
Do not mount the resistor with any obstruction in the air inlet or air outlet area.
Mount the resistor on a plane area.
The resistor has to be grounded.

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